| Inde | ex of | Clai | ms |  |
|------|-------|------|----|--|
|      |       |      |    |  |

| App | lication | /Control | No. |
|-----|----------|----------|-----|
|-----|----------|----------|-----|

10/719,655

Examiner

Glenda P. Rodriguez

Applicant(s)/Patent under Reexamination

FISCHER ET AL.

Art Unit

2651

| 1 | Rejected |
|---|----------|
| = | Allowed  |

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
|   | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| _ | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cla      | in       |  |              |          | _                  | 7-4          |              |  |              |              | 1 | <u> </u>   | in       | ı            |          |          | _  | 706                                 |  |  |          | _        |
|----------|----------|--|--------------|----------|--------------------|--------------|--------------|--|--------------|--------------|---|--|----------|--------------|----------|----------|--|-------------------------------------|--|--|----------|----------|
| Lit      | ilm.     |  |              | _        |                    | Date         | e<br>        |  |              |              | • | Cla  | aim<br>I | Н            | _        |          |  | Date                                |  |  | _        | г        |
| Finat    | Original | 8/16/05  |              |          |                    |              |              |  |              |              |   | Final  | Original |              |          |          |  |                                     |  |  |          |          |
|          | 1        | 1  |              |          |                    |              |              |  |              |              | ] |  | 51       |              |          |          |  |                                     |  |  |          |          |
|          | 2        | 1  |              |          |                    |              |              |  |              |              |   |  | 52       |              |          |          |  |                                     |  |  |          | L        |
|          | 3        | 0  |              | <u> </u> | $oxed{oxed}$       |              | _            |  |              |              |   |  | 53       |              |          |          |  |                                     | 匚  | _  | _        | L        |
|          | 4        | 0  |              | _        |                    | _            | _            |  |              |              | Į |  | 54       |              |          |          |  |                                     | <u> </u>   |  | <u> </u> | <u> </u> |
|          | 5        | 0  |              |          | _                  |              |              | _  | ļ            | _            | Į |  | 55       | Ш            |          |          |  | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | <u> </u>   | _  | _        | L        |
|          | 6        | 1  |              | <u> </u> | <u> </u>           | _            |              |  |              |              |   |  | 56       | $\square$    |          |          | _  | _                                   | ┡  | _  | _        | ⊢        |
|          | 7        | 1  | _            | <u> </u> | <b>⊢</b>           | <u> </u>     | _            |  | <u> </u>     | _            |   |  | 57       | Н            |          |          | $\vdash$   | _                                   | <u> </u>   |  | ⊢        | -        |
|          | 8        | 1  | _            |          |                    | -            |              | <u> </u>   | ├            | ├            | ł | <u> </u>   | 58       | Н            |          |          | -  | _                                   | $\vdash$   | -  | ⊢        | ┝        |
| <u> </u> | 9        | 1  | _            |          |                    | $\vdash$     |              |  | ├            | ┝            | ł | ļ  | 59<br>60 | $\vdash$     |          |          | -  | -                                   | -  | ⊢  | ├—       | ⊢        |
|          | 11       | 1  | -            | -        | ├                  | -            | ┢            | ┝  | -            |              | ł |  | 61       | Н            |          |          | $\vdash$   | ⊢                                   |  | $\vdash$   | $\vdash$ | ⊢        |
|          | 12       | 1  | -            | ├        | ┢                  |              | ┢            | <del> </del>                                     |              | -            | 1 | <u> </u>   | 62       | Н            |          | _        | -  | $\vdash$                            | $\vdash$   |  | ┢        | $\vdash$ |
|          | 13       | 1  | ┝            | ⊢        | -                  | $\vdash$     | ┢            | $\vdash$   | $\vdash$     | $\vdash$     | 1 |  | 63       |              |          |          | ┢  | ┢                                   | ┢  | -  | ┢        | ┢        |
| <b>—</b> | 14       | 1  | $\vdash$     | $\vdash$ | $\vdash$           | -            | $\vdash$     | $\vdash$   | $\vdash$     | $\vdash$     | 1 | <del>                                     </del> | 64       | Н            | _        | _        | $\vdash$   | $\vdash$                            | <del>                                     </del> | 一  | _        | H        |
| -        | 15       | V  | -            |          | $\vdash$           |              | $\vdash$     |  | <del> </del> | -            | 1 | -  | 65       | Н            |          |          | ┝╌   |                                     |  | -  | $\vdash$ | ┢        |
|          | 16       | Ö  | $\vdash$     | -        | $\vdash$           | ╁┈╴          | <u> </u>     |  |              |              | 1 |  | 66       | П            |          |          | Т  | _                                   |  |  |          | Г        |
|          | 17       | ō  | ┢            | T        | $\vdash$           | $\vdash$     | _            |  |              |              | 1 |  | 67       | П            |          |          |  |                                     |  |  |          | Г        |
|          | 18       | 0  |              | Г        | †                  |              |              |  | Г            |              | 1 |  | 68       |              |          |          | Т  | Г                                   |  | Г  |          | Г        |
|          | 19       | 1  |              | _        | ┢                  |              |              |  |              |              | 1 |  | 69       | П            |          |          |  |                                     |  |  |          | Г        |
|          | 20       | 1  |              | T        | m                  |              | Τ            |  |              |              | 1 |  | 70       |              |          |          |  |                                     |  |  |          |          |
|          | 21       | Π  |              |          | Г                  | П            | Г            | Г  |              |              | 1 |  | 71       |              |          |          |  |                                     |  |  |          |          |
|          | 22       | Π  | _            | Γ        |                    |              |              |  |              |              | ] |  | 72       |              |          |          |  |                                     |  |  |          |          |
|          | 23       |  |              |          |                    |              |              |  |              |              | ] |  | 73       |              |          |          |  |                                     |  |  |          | L        |
|          | 24       |  |              |          |                    |              |              |  | L.           | _            | 1 |  | 74       | _            |          | _        |  |                                     | L.   | <u> </u>   | ļ        | L        |
| <u></u>  | 25       | <u> </u>   | <u> </u>     | <u> </u> | <u> </u>           | _            | _            | _  | _            | <u> </u>     | ļ |  | 75       |              |          | ļ        | ┡  | <u> </u>                            | <u> </u>   | <u> </u>   | <u> </u> | L        |
|          | 26       | -  | <u> </u>     | <u> </u> | <b>├</b>           | ┞            | _            | <u> </u>   | <u> </u>     | _            | ļ |  | 76       | H            |          | <u> </u> | <u> </u>   | <u> </u>                            | <u> </u>   | <u> </u>   |          | ⊢        |
|          | 27       | -  | <u> </u>     | <u> </u> | <u> </u>           | ├            | _            | L  | -            | <u> </u>     | ┨ |  | 77       | ļ            |          | <u> </u> | ļ  | <u> </u>                            |  | ├-   | ├        | ⊢        |
| -        | 28       | -  | <u> </u>     |          |                    | -            |              | -  | H            | _            | ┨ |  | 78       | <u> </u>     |          | ├        | <del> </del>                                     | -                                   | -  | -  | ⊢        | ╀        |
| -        | 29       | -  | -            | $\vdash$ | ├                  | ├            | <del> </del> |  | H            |              | - |  | 79<br>80 | -            |          | ├        | <del>                                     </del> | ├                                   | $\vdash$   | ┝  | ⊢        | ╁        |
|          | 30<br>31 | ├  | -            | ┢        | $\vdash$           | ┢            | -            | <del> </del>                                     | ┝            |              | ł |  | 81       | $\vdash$     |          | -        | <del> </del>                                     | $\vdash$                            | ├  | $\vdash$   | ┢        | ╁        |
|          | 32       | ┝╌   | -            | ├        | $\vdash$           | $\vdash$     | -            | <del> </del>                                     | ┢            |              | ł |  | 82       | ┢            |          | $\vdash$ | <del>                                     </del> | $\vdash$                            | ╁╴   |  | $\vdash$ | ╁        |
|          | 33       | <del>                                     </del> |              | -        | ╁╴                 | $\vdash$     | $\vdash$     | <del>                                     </del> | $\vdash$     | <del> </del> | 1 | -  | 83       | $\vdash$     |          | ┢        | ļ  |                                     | ┢  | <del>                                     </del> | $\vdash$ | ╆        |
|          | 34       | ╁  | -            | ┢        | ╁                  | $\vdash$     |              | ┢  | ╁            | $\vdash$     | 1 |  | 84       | H            |          |          |  | H                                   | $\vdash$   |  | Н        | H        |
|          | 35       | T  | $\vdash$     | ┢        | <del> </del>       | <b>†</b>     |              |  | Т            | Г            | j | -  | 85       |              |          |          |  | Г                                   |  | ┢  | T        | T        |
|          | 36       | T  |              | I        |                    | T            | l            | Г  | Γ            | Г            | 1 | <b></b>  | 86       |              |          |          | T  |                                     | Г  |  |          | Γ        |
|          | 37       | П  |              |          |                    |              |              |  | Г            | Г            | 1 |  | 87       |              |          |          |  |                                     |  |  | Г        | Г        |
|          | 38       |  |              |          | Γ                  | L            |              |  |              |              | ] |  | 88       |              |          |          |  |                                     |  |  | I.       | Γ        |
|          | 39       |  |              |          | L                  |              |              | L  |              |              | ] |  | 89       |              |          |          |  |                                     |  |  |          | ſ        |
|          | 40       |  |              |          |                    |              |              |  |              |              |   |  | 90       |              |          | L        |  |                                     | <u> </u>   | 匚  | oxdot    | L        |
|          | 41       | $oxedsymbol{oxed}$                               | Ĺ            | $\Box$   |                    |              |              |  | 匚            |              | 1 |  | 91       | $oxed{oxed}$ | L        | Ĺ        | $\perp$  | <u> </u>                            |  | <u> </u>   | L.       | L        |
| <u></u>  | 42       | 1  | $oxed{oxed}$ | $\perp$  |                    | _            | _            | <u> </u>   | <u> </u>     | <u> </u>     | 1 |  | 92       | L            |          | _        | <del> </del>                                     | Щ                                   | <u> </u>   | <u> </u>   | <u> </u> | L        |
| <u></u>  | 43       | <u> </u>   | <u> </u>     |          | $oldsymbol{\perp}$ | 1_           | <u> </u>     | $ldsymbol{f eta}$                                | <u> </u>     | <u> </u>     | 1 | L  | 93       | $\vdash$     | <u> </u> | _        | _  | ⊢                                   | ⊢  | ┞  | <u> </u> | Ļ        |
|          | 44       | $\vdash$   | <del> </del> | -        | ┞                  | ┞-           | <b>├</b>     | $\vdash$   | ↓_           | <u> </u>     | - | <u> </u>   | 94       | 1            | $\vdash$ | 1        | ╀  | ├-                                  |  | $\vdash$   | ┼        | $\vdash$ |
|          | 45       | <b>├</b>   | -            | _        | ┡                  | -            | <del> </del> | ┡  | -            | ┡            | 1 | <b> </b>   | 95       | ₩            | $\vdash$ | -        | $\vdash$   | ├                                   | ├  | ⊢  | ┼        | $\vdash$ |
| <u> </u> | 46       | ╄  | ╀            | -        | ╀                  | <del> </del> | 1—           |  | ├-           | ⊢            | - |  | 96       | $\vdash$     | $\vdash$ | -        | ╄  | $\vdash$                            | +  | ⊢  | ₩        | +        |
| -        | 47       | ┼  | Ͱ            | ₽-       | $\vdash$           | ┼            | ₩            |  | ├            | $\vdash$     | 1 | <b></b>  | 97       | $\vdash$     | $\vdash$ | $\vdash$ | ┼-   | +-                                  | ╀  | $\vdash$   | +-       | +        |
| -        | 48<br>49 | ┼  | $\vdash$     | ╁        | ╁                  | ╁            | $\vdash$     | ├-   | ⊢            | ┢            | ┨ |  | 98<br>99 | $\vdash$     | -        | ├        | ╁╌   | $\vdash$                            | ╁╾   | $\vdash$   | $\vdash$ | ╁        |
| -        | 50       | +  | $\vdash$     | $\vdash$ | ╁                  | $\vdash$     | ╁            | $\vdash$   | -            | -            | 1 |  | 100      | $\vdash$     | $\vdash$ | $\vdash$ | $\vdash$   | ╁                                   | ╁  | ╁  | +        | +        |
| Ц.       | 1 30     | <u>t</u>   | ⊥            | 1        | _                  | 1            | Ц.           | L  | 1            | 1            | J |  | 1 100    | 1            |          | <u> </u> | ١  | 1                                   | 1  | ٠  | Щ        | L        |

|              | _  | $\overline{}$ | $\overline{}$                                    |  |          |          |          | $\overline{}$ | _        | - |
|--------------|--|---------------|--|--|----------|----------|----------|---------------|----------|---|
| Final        | Original                                     |               |  |  |          |          |          |               |          |   |
|              | 51   | _             |  | _  |          | _        | _        | Н             | $\dashv$ | _ |
|              | 52   |               | _  | $\vdash$   |          | _        | -        |               | $\vdash$ |   |
| -            | 53   |               |  | <del> </del>                                     |          | _        |          |               |          |   |
| -            | 54   | -             |  | <del> </del>                                     |          |          |          | $\vdash$      |          |   |
| 1            | 51<br>52<br>53<br>54<br>55                   |               |  | -  |          |          |          |               | $\neg$   | _ |
|              | 56   |               |  | _  | _        | _        | -        |               | -        |   |
| -            | 57   |               |  | _  | _        |          | _        | -             | $\dashv$ |   |
| 1            | 50   |               | H  |  |          |          |          | _             | $\dashv$ | _ |
| -            | 56<br>57<br>58<br>59<br>60<br>61<br>62<br>63 | _             | $\vdash$   | _  | -        |          |          | -             | $\dashv$ |   |
|              | 60   |               | _  | ·-   | _        | -        | $\vdash$ | $\vdash$      | _        |   |
| $\Box$       | 61   |               |  |  |          | $\vdash$ |          |               |          |   |
| $\vdash$     | 62   | _             |  | $\vdash$   |          | ⊢        | $\vdash$ | -             | Н        |   |
| -            | 63   | -             |  | $\vdash$   | -        | $\vdash$ | $\vdash$ |               | $\dashv$ |   |
| -            | 64   | _             | $\vdash$   | ┝  | -        | ┝        |          |               | -        |   |
|              | 64<br>65<br>66                               |               | $\vdash$   | $\vdash$   | ┝        | $\vdash$ | $\vdash$ | -             |          | _ |
| <del> </del> | 66   |               |  | -  | $\vdash$ | -        | Н        | $\vdash$      | Н        | _ |
|              | 67   | _             | $\vdash$   | $\vdash$   | -        | $\vdash$ | -        |               | $\vdash$ |   |
|              | 67<br>68                                     |               | $\vdash$   | -  | $\vdash$ | $\vdash$ | -        | $\vdash$      |          | - |
|              | 69   | $\vdash$      | ┝  | $\vdash$   | ┢        | -        | $\vdash$ | H             |          |   |
|              | 70   | -             | $\vdash$   | -  | ┝        | -        | $\vdash$ | H             |          |   |
|              | 71   | _             | $\vdash$   | $\vdash$   |          | $\vdash$ | -        |               |          |   |
|              | 72   | _             | -  |  | $\vdash$ | -        | ┢        |               |          |   |
| -            | 73   |               | $\vdash$   | -  | $\vdash$ |          |          | -             |          |   |
|              | 74   |               | $\vdash$   | ┢  | ┢╌       | $\vdash$ | <u> </u> | -             | _        |   |
|              | 75   | -             | $\vdash$   | -  | $\vdash$ | $\vdash$ | -        | -             |          |   |
| -            | 70<br>71<br>72<br>73<br>74<br>75<br>76<br>77 |               | H  |  |          | $\vdash$ | -        | -             | _        |   |
|              | 77   | _             | $\vdash$   | <del>                                     </del> |          | <u> </u> | -        | _             |          |   |
| -            | 78   | <del> </del>  | <del>                                     </del> |  |          | $\vdash$ |          | $\vdash$      | -        |   |
|              | 78<br>79                                     | $\vdash$      |  | ┢  |          | $\vdash$ | $\vdash$ |               |          | _ |
|              | 80   | <u> </u>      |  | _  |          | Ι-       | $\vdash$ | $\vdash$      | Т        | _ |
|              | 81   | $\vdash$      | -  | <del>                                     </del> |          | $\vdash$ | <u> </u> |               |          | _ |
|              | 81<br>82                                     | $\vdash$      |  | $\vdash$   |          | T        | <u> </u> |               |          |   |
|              | 83   | $\vdash$      |  | H  |          | 一        | <u> </u> |               | Н        | _ |
|              | 83<br>84<br>85                               |               |  |  |          | Т        | ┢        |               |          |   |
|              | 85   |               |  |  |          |          |          |               |          |   |
|              | 86   | $\Box$        | $\vdash$   |  |          |          |          |               |          |   |
|              | 86<br>87                                     |               | Г  |  |          |          |          |               |          |   |
|              | 88   |               | Т  |  |          |          | Г        |               |          |   |
|              | 89   |               | Г  |  |          | Г        |          |               |          |   |
|              | 89<br>90                                     | П             | Г  |  |          |          |          |               |          | П |
|              | 91   |               |  |  |          |          | _        |               | Г        |   |
|              | 92   |               |  |  |          | Г        | П        | Г             |          |   |
|              | 93   | Г             |  | П  | Π        |          | Γ        |               |          |   |
|              | 94   |               |  |  |          |          |          |               | L        |   |
|              | 95   |               |  |  |          |          |          |               |          |   |
|              | 96   |               |  |  |          |          |          |               |          |   |
|              | 97   |               |  |  |          |          |          |               |          |   |
|              | 98   |               |  |  |          | Ĺ        |          |               |          |   |
|              | 99   |               |  | $L^{T}$  |          | $L^{-}$  |          |               |          | Ĺ |
|              | 100  | Г             |  | Т  | Г        |          | Г        |               | Π        |   |

| Cla   | aim               |  | Date     |              |          |          |                |          |              |                 |  |  |
|-------|-------------------|--|----------|--------------|----------|----------|----------------|----------|--------------|-----------------|--|--|
|       |                   |  |          |              |          |          |                |          |              |                 |  |  |
| Final | Original          |  |          |              |          |          |                |          |              |                 |  |  |
|       | 101               |  | _        |              |          |          |                |          | _            | $\dashv$        |  |  |
|       | 101               |  |          |              |          |          |                | -        |              | $\dashv$        |  |  |
|       | 102<br>103        | -  | $\dashv$ | $\dashv$     |          |          |                |          |              | $\dashv$        |  |  |
|       | 104               | _  |          | $\dashv$     | _        |          |                |          |              | $\dashv$        |  |  |
|       | 104<br>105        |  |          | $\neg$       |          |          |                |          |              | $\exists$       |  |  |
|       | 106               |  |          |              |          |          |                |          |              |                 |  |  |
|       | 107               |  |          |              |          |          |                |          |              |                 |  |  |
|       | 108               |  |          |              |          |          |                |          |              |                 |  |  |
|       | 109               |  |          |              |          |          |                |          |              |                 |  |  |
|       | 110<br>111<br>112 |  |          |              |          |          |                |          |              |                 |  |  |
|       | 111               |  |          |              |          |          | _              |          |              | Щ               |  |  |
|       | 112               | $\vdash$   |          | Ш            |          | _        | <u> </u>       | $\sqcup$ |              | Щ               |  |  |
|       | 113<br>114<br>115 | Н  | _        | Н            |          | _        | <u> </u>       | Ш        | _            | $\vdash$        |  |  |
|       | 114               |  |          | Н            |          |          | _              | _        |              |                 |  |  |
|       | 115               |  |          | Н            | <u> </u> |          | H              |          | $\vdash$     | $\vdash \vdash$ |  |  |
|       | 117               |  |          | -            | _        | _        | <del> </del>   |          | -            | $\vdash$        |  |  |
| -     | 117<br>118<br>119 | -  |          | Н            |          |          | $\vdash$       | _        |              | $\vdash$        |  |  |
|       | 110               | _  | _        | -            |          |          | $\vdash$       |          | -            | H               |  |  |
|       | 120               | _  | $\vdash$ |              |          |          | ┝              |          | _            | $\vdash$        |  |  |
|       | 121<br>122<br>123 | -  |          |              | _        |          |                | _        | -            | П               |  |  |
|       | 122               |  |          | -            |          |          |                |          |              |                 |  |  |
| -     | 123               |  |          |              |          |          |                |          |              |                 |  |  |
|       | 124               | _  |          |              |          |          |                |          |              |                 |  |  |
|       | 124<br>125        |  |          |              |          |          |                |          |              |                 |  |  |
|       | 126               |  |          | П            |          |          |                |          |              |                 |  |  |
|       | 127<br>128        |  |          |              | ᆫ        | _        |                |          |              | Ш               |  |  |
|       | 128               |  |          |              |          | <u> </u> | <u> </u>       | _        |              | Ш               |  |  |
|       | 129<br>130        | _  |          | $oxed{oxed}$ | ļ        | <u> </u> | <u> </u>       |          |              | Щ               |  |  |
|       | 130               | _  | _        | <u> </u>     | <u> </u> | <u> </u> | <u> </u>       | _        | ļ            | Н               |  |  |
|       | 131               | -  | _        | <u> </u>     | -        | $\vdash$ |                | <u> </u> | <u> </u>     | H               |  |  |
|       | 132<br>133        |  | _        | $\vdash$     | -        | ⊢        |                | -        | $\vdash$     | H               |  |  |
|       | 133               |  |          | $\vdash$     | ⊢        | $\vdash$ | $\vdash$       | -        | $\vdash$     | $\vdash\vdash$  |  |  |
|       | 135               | $\vdash$   | -        | $\vdash$     | $\vdash$ | -        | $\vdash$       | -        | $\vdash$     | Н               |  |  |
|       | 135<br>136        | $\vdash$   | -        | $\vdash$     | $\vdash$ | -        | $\vdash$       | H        | <del> </del> | H               |  |  |
|       | 137               | H  | $\vdash$ |              | $\vdash$ | -        | <del> </del>   | $\vdash$ | <del> </del> | H               |  |  |
| _     | 138               | <del>                                     </del> | <u> </u> | -            |          | $\vdash$ | <u> </u>       | <u> </u> | T            | П               |  |  |
|       | 139               |  | Г        |              |          |          |                |          |              |                 |  |  |
|       | 140               |  |          |              |          |          |                |          |              |                 |  |  |
|       | 141               |  | Ĺ        |              |          |          |                |          |              |                 |  |  |
|       | 142               |  |          |              |          |          | 匚              |          |              |                 |  |  |
|       | 143               |  |          |              |          | L        |                | _        |              | Ш               |  |  |
|       | 144               | L_   |          | ļ            | <u>L</u> | _        | Ļ              | L        | L            | _               |  |  |
| L     | 145               | <u> </u>   | <u> </u> | <u> </u>     | L        | _        | <b>—</b>       | <u> </u> | <u> </u>     | <u></u>         |  |  |
|       | 146               | L  | L        | L_           | _        | _        | <u> </u>       | <u> </u> | <u> </u>     | 1               |  |  |
|       | 147               | $\vdash$   | <u> </u> | ⊢            | _        | <u> </u> | <del>  -</del> | -        | <u> </u>     | -               |  |  |
|       | 148               | $\vdash$   | ⊢        | $\vdash$     | -        | <u> </u> | ├-             | -        | _            | -               |  |  |
|       | 149               | ├-   | -        | ├-           | ├-       | -        |                | -        | $\vdash$     | ⊢               |  |  |
|       | 150               | <u></u>  | <u> </u> | L            | L        | Щ        | <u> </u>       | <u> </u> | <u></u>      |                 |  |  |